

Verified Carbon Standard Project Verification Report

The International Small Group and Tree Planting Program (TIST), Kenya VCS-006



**ENVIRONMENTAL
SERVICES, INC.**



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Summary:

Environmental Services, Inc., (ESI) was contracted by Clean Air Action Corporation (CAAC) on 6 July 2012 to conduct the project verification of The International Small Group and Tree Planting Program,

Kenya, VCS-006 [Project Description (PD) dated 24 August 2012). As stated in the PD, “The International Small Group and Tree Planting Program (TIST) is a combined reforestation and sustainable development project in Kenya carried out by subsistence farmers. The farmers plant trees on their land and retain ownership of the trees and their products. They receive training from TIST and a share of the carbon revenues from CAAC. Carbon credit sales generate participant income and provide project funding to address agricultural, HIV/AIDS, nutritional and fuel challenges.

TIST provides an administrative backbone that supplies training in building nurseries, tree planting, conservation farming, building fuel-efficient stoves and malaria and HIV/AIDS prevention. Part of the backbone is a two-way communications network that includes newsletters, weekly meetings at the Small Group level, monthly meetings where groups of Small Groups receive training, periodic seminars at the national level and a monitoring system based on hand-held computers and GPS. The rotating leadership and the Small Group rules empower women and the undereducated. Those who are the most successful, regardless of education levels or gender, become mentors and leaders.”

The verification assessed the project’s compliance with VCS Version 3 criteria, the selected methodology, and the validated PD. The methodology employed in the verification process was derived from all items in ESI’s verification process. This included utilizing VCS documents and ISO 14064-3 to develop and implement a sampling plan. A total of 2.4% of the project trees and 1.4% of groves within the project areas were sampled.

This project description (PD) is for a subset of the TIST project in Kenya and initially applies to 3,961 of the Small Groups, 29,222 members, 18,099 project areas and 7,419.2 ha. The main species planted are Eucalyptus spp., Grevillea robusta and Cupressus spp. The baseline scenario is grassland and cropland. The project falls within the Agriculture, Forestry and Other Land Use (AFOLU) category (Scope 14).

The scope of the verification included the GHG project and baseline scenarios; physical infrastructure, activities, technologies and processes of the GHG project; GHG sources, sinks and/or reservoirs; types of GHG’s; and time periods covered. The geographic verification scope was defined by the project boundary, which included multiple project areas (grouped), the carbon reservoir types, management activities, growth and yield models, inventory program, and contract periods.

The verification criteria followed the guidance documents provided by VCS and included the following: VCS Program Guide (01 May 2012, v3.3), VCS Standard (01 Feb 2012, v3.2), Program Definitions (01 May 2012, v3.3), Agriculture, Forestry and Other Land Use (AFOLU) Requirements (01 Feb 2012, v3.2), AFOLU Non-Permanence Risk Tool (01 Feb 2012, v3.1), the Grouped Project PD entitled “The International Small Group and Tree Planting Program, Kenya, VCS-006” (Project Description (PD) dated 24 August, 2012) and CDM AR-AMS0001 Version 06.

A summary of all findings is included in Appendix C. There are no restrictions of uncertainty.

ESI confirms all verification activities including objectives, scope and criteria, level of assurance, monitoring and project documentation adherence to VCS Version 3 and all associated updates as documented in this report are complete. ESI concludes without any qualifications or limiting conditions that the PD entitled The International Small Group and Tree Planting Program, Kenya, VCS-006, dated 24 August 2012 meets the requirements of VCS Version 3 and all associated updates.

The GHG assertion provided by Clean Air Action Corporation and verified by ESI has resulted in the GHG emissions reduction or removal of 188,649 tCO₂ equivalents by the project during the verification period/reporting period. This is calculated based on a total of 188,649 tCO₂ equivalents sequestered as of the date of monitoring/verification (01 January 2004 to 29 June 2012). As permitted by the methodology, emissions are reported as zero. This does not include the 10% buffer withholding.

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1 INTRODUCTION

1.1 Objective

The verification objective included an assessment of compliance with VCS Version 3 and all associated updates, the selected methodology, and the validated PD, “The International Small Group and Tree Planting Program, Kenya, VCS-006” (dated 24 August 2012). ESI assessed the GHG emission removals through AFOLU criteria, specifically Afforestation, Reforestation, and Revegetation (ARR).

1.2 Scope and Criteria

The scope of the verification included the GHG project and baseline scenarios; physical infrastructure, activities, technologies and processes of the GHG project; GHG sources, sinks and/or reservoirs; types of GHG's; and time periods. The geographic verification scope was defined by the project boundary, which included multiple project areas (grouped), the carbon reservoir types, management activities, growth and yield models, inventory program, and contract periods. The scope of the TIST Program in Kenya VCS-006 project was outlined by the project developer prior to the verification initiation and is re-defined as follows:

Baseline Scenario	The baseline field observation as detailed in the "Grove Summary" worksheet indicates the project areas are grassland and cropland prior to implementation of the project activity
Activities/Technologies/Processes	Afforestation, Reforestation, and Revegetation (ARR) Grouped Project
Sources/sinks/Reservoirs	Above-ground and below-ground biomass
GHG Type	Carbon-dioxide
Time Period	30 years starting 01 January 2004 and ending 31 December 2033
Project Boundary	Central Kenya in the Central, Rift Valley and Eastern Provinces. Small Groups: 3,961 Members: 29,222 Groves: 18,099 Hectares: 7,419.2

The verification criteria followed the guidance documents provided by VCS and included the following: VCS Program Guide (01 May 2012, v3.3), VCS Standard (01 Feb 2012, v3.2), Program Definitions (01 May 2012, v3.3), Agriculture, Forestry and Other Land Use (AFOLU) Requirements (01 Feb 2012, v3.2), AFOLU Non-Permanence Risk Tool (01 Feb 2012, v3.1), the Grouped Project PD entitled “The International Small Group and Tree Planting Program, Kenya, VCS-006” (Project Description (PD) dated 24 August, 2012), and CDM AR-AMS0001 Version 06.

1.3 Level of Assurance

The level of assurance was used to determine the depth of detail that the verifier placed in the verification and sampling plan to determine if there are any errors, omissions, or misrepresentations (ISO 14064-3:2006). ESI assessed the project (general principles, data, sampling descriptions, documentation, calculations, etc.) to provide *reasonable assurance* to meet the Project Level requirements of the VCS Program. The evidence used to achieve a *reasonable* level of assurance is specified in the following sections.

1.4 Summary Description of the Project

As stated in the PD, “The International Small Group and Tree Planting Program (TIST) is a combined reforestation and sustainable development project in Kenya carried out by subsistence farmers. The farmers plant trees on their land and retain ownership of the trees and their products. They receive training from TIST and a share of the carbon revenues from CAAC.

TIST empowers Small Groups of 6 to 12 subsistence farmers in India, Kenya, Tanzania, and Kenya to combat the devastating effects of deforestation, poverty and drought. Combining sustainable development with carbon sequestration, TIST already supports the reforestation and biodiversity efforts of over 64,000 subsistence farmers. Carbon credit sales generate participant income and provide project funding to address agricultural, HIV/AIDS, nutritional and fuel challenges. As TIST expands to more groups and more areas, it ensures more trees, more biodiversity, more climate change benefit and more income for more people.

TIST provides an administrative backbone that supplies training in building nurseries, tree planting, conservation farming, building fuel-efficient stoves and malaria and HIV/AIDS prevention. Part of the backbone is a two-way communications network that includes newsletters, weekly meetings at the Small Group level, monthly meetings where groups of Small Groups receive training, periodic seminars at the national level and an award winning monitoring system based on hand-held computers and GPS. TIST is available to everyone and all are considered equal. The rotating leadership and the Small Group rules empower women and the undereducated. Those who are the most successful, regardless of education levels or gender, become mentors and leaders.”

This project description (PD) is for a subset of the TIST project in Kenya and initially applies to 3,961 of the Small Groups, 29,222 members, 18,099 project areas and 7,419.2 ha. The main species planted are *Eucalyptus* spp., *Grevillea robusta* and *Cupressus* spp.

2 VALIDATION PROCESS, FINDINGS AND CONCLUSION

2.1 Validation Process

Please refer to Section 2 of the VCS Validation Report (Report ID VO12051.00VAL) dated 27 September 2012 prepared by ESI and submitted to VCSA.

2.2 Validation Findings

2.2.1 Gap Validation

Not Applicable

2.2.2 Methodology Deviations

The PD and Monitoring Plan meet all of the requirements of the methodology and do not deviate from the baseline scenario, additionality determination or inclusion of project GHG sources, sinks and reservoirs.

2.2.3 New Project Activity Instances

Although this is a grouped project, this is the initial group of instances.

2.3 Validation Conclusion

ESI confirmed all validation activities including objectives, scope and criteria, level of assurance and the PD adherence to the VCS Version 3 and all associated updates as documented in ESI's Validation Report (dated 27 September 2012) are complete and concluded without any qualifications or limiting conditions that the PD, The International Small Group and Tree Planting Program, Kenya, VCS-006" (dated 24 August 2012) meets the requirements of VCS.

3 VERIFICATION PROCESS

3.1 Method and Criteria

The verification process closely followed the system outlined in the following: Agriculture, Forestry, and Other Land Use Requirements v3.2 (01 February 2012), ISO 14064-3, ISO 14065, and the ESI Management System and Management Systems Manual v12, Section V.2. As defined by ISO 14064-3:2006 (E), "verification is the systematic, independent and documented process for the evaluation of a greenhouse gas assertion against agreed verification criteria verification criteria".

The verification criteria followed the guidance documents provided by VCS and included the following: VCS Program Guide (01 May 2012, v3.3), VCS Standard (01 Feb 2012, v3.2), Program Definitions (01 May 2012, v3.3), Agriculture, Forestry and Other Land Use (AFOLU) Requirements (01 Feb 2012, v3.2), AFOLU Non-Permanence Risk Tool (01 Feb 2012, v3.1), the Grouped Project PD entitled "The International Small Group and Tree Planting Program, Kenya, VCS-006" (Project Description (PD) dated 24 August, 2012), and CDM AR-AMS0001 Version 06.

The Verification and Sampling Plan methodology was derived from all items in our verification process stated above. Specifically, the sampling plan utilized the VCS guidance documents and ISO 14064-3. Sample size and techniques were based on the project parameters and best professional judgment. Tracts (groves) selected for detailed review were chosen at the discretion of the verifier. For this verification a total of 2.4% of the project trees and 1.4% of groves within the project areas were sampled. A risk based approach was used to select the tracts to allow a review of multiple small groups and members targeted to represent a wide geographic range of sites; sufficient to provide the necessary sample size to meet a *reasonable* level of assurance; as directed by the professional judgment of the Lead Verifier.

3.2 Document Review

A detailed review of all project documentation was conducted to ensure consistency with, and identify any deviation from, VCS program requirements, the methodology (CDM AR-AMS0001 Version 06: Simplified baseline and monitoring methodologies for small-scale A/R CDM project activities implemented on grasslands or croplands with limited displacement of pre-project activities), and the PD. Initial review focused on the validated PD and monitoring report and included an examination of the project details, implementation status, data and parameters, and quantification of GHG emission reductions and removals. Along with a review of the monitoring report, documentation for the selected sample was requested, provided and subsequently reviewed for consistency, accuracy, and appropriateness with regard to VCS program requirements, methodological requirements, and the PD. Documents reviewed include land ownership documentation, legal support for customary tenure, carbon rights contracts, property boundaries, maps and arials, data from monitoring, biomass and carbon calculation spreadsheets, and responses to corrective action/clarification requests.

AFOLU Non-Permanence Risk Tool (01 February 2012 v3.1) was used by the project proponent to assess overall project risk. The final score was calculated to be 2.5% AFOLU Non-Permanence Risk tool requires a minimum risk score of 10%; therefore, the final risk score for The International Small Group and Tree Planting Program (TIST), Kenya VCS-006 is 10%. The information in this report was evaluated by validators and found to have been conducted appropriately and in compliance with VCS Version 3 and all associated updates. No discrepancies were found in the evaluation of the elements of the Risk Analysis.

The verification included a review of the validated Project Description (PD) and Monitoring Report, relative to the field conditions observed and interviews with project management staff. A total of 2.4% of the project trees and 1.4% of groves within the project areas were sampled.

For a listing of all documents received from the client for this verification, please see Appendix A: The International Small Group and Tree Planting Program, Kenya, VCS-006-Documents Received from Client.

3.3 Interviews

Interviews were conducted at multiple levels of the TIST program to assess understanding of program requirements and to determine if monitoring conducted in the field was implemented in accordance with the validated PD. Interviews included discussions with CAAC senior management, TIST field managers, trainers, auditors, quantifiers, IT staff and program members, and local stakeholders affected by the project. The following is a list of the main interviewees:

Charlie Williams-	CAAC vice president and project developer
Christine Yankel-	TIST field manager
John Kirinya-	TIST member
TIST Field staff 1	TIST trainer/Quantifier
TIST Field staff 2	TIST trainer/Quantifier
Quantifier 1	TIST quantifier
Paul Mutuoki-	TIST member
Japan Ngunja-	TIST member
Quantifier 2	TIST quantifier
Mr. Gikundo-	TIST member
Stanley Kiriinya-	TIST member
Peter Mungania-	TIST member
Jennifer Datwiri-	TIST member
George Kirema-	TIST member
Komati-	TIST member
Jackson Thethere-	TIST member
Anjanja-	TIST member
Maina-	TIST member
Quantifier 3-	TIST quantifier
Paul Ilango-	TIST member
Nykinyua-	school/TIST members
Joseph Tonui-	TIST member
Mary Chelanget-	TIST member
Margaret wanja-	TIST member
Simon Kithure	TIST member
James Gitenga	TIST member
Joel Mbilo	TIST member
Solomon Kirema	TIST member
Peter Kinyua	TIST member
Jacob Muthuri	TIST member
Emelda Kigatu	TIST member

Julius Kailanya	TIST member
Jacob Ciria	TIST member
M'mugumbi	TIST member
Peter Kiriinya	TIST member
Solomon Bundi	TIST member
Roseline Mwonjuru	TIST member
Margret mwari	TIST member
Judith naitore	TIST member
Steven marami	TIST member
"Did not provide name"	TIST member
Joyce mwari	TIST member
Mary mpaka	TIST member
Aileen njeri	TIST member
Sindolo kome	TIST member
Teresea Muthoni Mwangi	TIST member
Muchina	TIST member
Francis ndiritu (wife)	TIST member
Susan wamuri	TIST member
John mwega son	TIST member
John Kerioki	TIST member
Tabitha nyamu	TIST member
Jasinta ndambira	TIST member
Mary njeru	TIST member
Agnes karoki	TIST member
Margret muciri	TIST member
Nester moses	TIST member
Rose mderi	TIST member
Ayub Kobia	TIST member
Francis Gikundi	TIST member
Millicent Wambogo	TIST member
Agnes Tirindi	TIST member
Benson Mwebia	TIST member
Francis Mbaya	TIST member
Humphrey M Mugambi	TIST member
Margaret Nyamburu	TIST member
Samuel Kiruki	TIST member
Elizabeth Nkaimura	TIST member
Helen Murithi	TIST member
Ciriaka Kagoji	TIST member
Atarina Mpida	TIST member

3.4 Site Inspections

Site inspections were performed to verify existence of sites, confirm boundaries, corroborate baseline, and confirm tree age, species and density of plantings. Site inspections were also conducted to assess the consistency of the quantifiers sampling technique with the PD. When possible, on-site interviews were conducted with landowners to confirm ownership, substantiate their support for the project and assess their comprehension of project requirements. GPS was utilized to confirm project location and boundaries. Inventory data (both digital and hard copy) were utilized to confirm the age, species, and density of plantings. As indicated previously, approximately 2.4% of the project trees and 1.4% of groves were sampled in the field verification.

Please see Appendix B for a summary list of the groves sampled.

Within the tracts (groves) selected for detailed review, the detailed documentation described elsewhere in this document was required. In addition, field review of these tracts occurred in which the following aspects of the project were assessed:

- pre-project conditions, as evidenced by condition of adjacent or nearby non-project areas, by evidence of site-preparation activities, and related
- current project conditions, including reported tree species, reported planting density, reported current density, reported growth characteristics (diameter, or similar), reported biomass volume (above- and/or below-ground), implementation of management plan/monitoring (historical and contemporary), and related

Direct field measurement of tree density (number planted and species) and growth characteristics was performed, with a detailed review of field measurement methodologies occurring at a minimum of one plot on each tract, sufficient to satisfy the professional discretion of the Lead Verifier.

3.5 Resolution of Any Material Discrepancy

When potential material discrepancies/non-conformities were identified during the verification process, a non-conformance request (NCR) or request for clarification (CL) was issued. Clean Air Action Corporation was given up to 30 days to respond to the NCR or CL list. The ESI verification team identified two (2) NCRs. All NCR's were addressed satisfactorily by Clean Air Action Corporation during the project verification process. These NCRs provided necessary clarity to ensure the project was in compliance with VCS program requirements for GHG projects and the validated PD. All issues and their resolutions are attached (Appendix C).

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

The project activities and Monitoring Plan, as described in the validated PD, has been fully implemented. There are no remaining issues from the previous validation, and this is the initial verification.

4.2 Accuracy of GHG Emission Reduction or Removal Calculations

ESI conducted an intensive review of all input data, parameters, formulas, connections, conversions, statistics and resulting uncertainties and output data to ensure consistency with the VCS standard, the project PD and the methodology. Further, ESI reproduced calculations for selected samples to ensure accuracy of the results. All data, conversion factors, formulas, and calculations were provided by the project proponent in spreadsheet format to ensure all formulas were accessible for review. The project proponent also provided a step-by-step overview of calculations to ensure ESI understood the approach and could confirm its consistency with the methodology and PD.

ESI also conducted a comprehensive assessment of all data collection and storage procedures to ensure all opportunities for error in transposition of data between data were minimized.

Uncertainty was assessed as required. ESI recalculated the statistics independently to confirm the accuracy of the reported precision.

Field data collection utilized appropriate principles of forestry data collection, including appropriate tools and methods. Collected data was handled appropriately, including a structured process for quality check. Analysis of collected data used appropriate formulas, conversions, and parameters, supported by scientific literature. Where ranges of parameters exist, or other types of formulaic uncertainty, appropriately conservative values were used in data analysis.

4.3 Quality of Evidence to Determine GHG Emission Reductions or Removals

During ESI's verification the evidence provided by the project proponent was more than sufficient in both quantity and quality to support the determination of GHG emission removals reported by the project. Throughout the verification, Clean Air Action Corporation demonstrated a strong commitment toward conservativeness and took all measures appropriate to ensure the reliability of all evidence provided. Interviews conducted (oral evidence) are outlined in Section 3.3, and the final documents received from Clean Air Action Corporation supporting the determination of GHG removals included:

For a listing of all documents received from the client for this verification, please see Appendix X A: The International Small Group and Tree Planting Program, Kenya, VCS-006-Documents Received from Client.

4.4 Management and Operational System

The management system employed by Clean Air Action Corporation utilizes appropriate field measurement methods (systematic, appropriate measurement tools and techniques), high quality data collection and management techniques (web-based, controlled data entry system; clearly identified responsibilities for data accuracy; appropriate data quality control), and data analysis (web-based calculation system). TIST staff is thoroughly familiar with their responsibilities and is appropriately trained for these responsibilities. Accordingly, in the process of the verification, ESI confirmed the suitability and appropriateness of Clean Air Action Corporation's management system for monitoring and reporting.

5 VERIFICATION CONCLUSION

After review of all project information, procedures, calculations, and supporting documentation and selected site visits, ESI confirms that the monitoring conducted by Clean Air Action Corporation, along with the supporting Monitoring Report, are accurate and consistent with all aforementioned VCS criteria, the validated PD, and the selected methodology. ESI confirms that The International Small Group and Tree Planting Program (TIST), Kenya, VCS-006 has been implemented in accordance with the validated PD.

ESI confirms all verification activities, including objectives, scope and criteria, level of assurance, monitoring and project documentation adherence to VCS Version 3 (and all associated updates), as documented in this report are complete. ESI concludes without any qualifications or limiting conditions that The International Small Group and Tree Planting Program (TIST), Kenya, VCS-006 meets the requirements of VCS Version 3 and all associated updates.

The GHG assertion provided by CAAC and verified by ESI has resulted in the GHG emission reduction or removal of 188,649 tCO₂e equivalents by the project during the verification period/reporting period (01 January 2004 – 29 June 2012). This does not include the 10% deduction based on the non-permanence risk assessment tool.

GHG Emission Reductions or Removals	tCO ₂ e
Baseline Emissions	0
Project Emissions	0
Leakage	0
Net GHG emission reductions or removals	188,649

Report Submitted to:	Voluntary Carbon Standard Association 1730 Rhode Island Ave. NW, Suite 803, Washington, D.C. 20036 Clean Air Action Corporation 7134 South Yale Avenue, Suite 310 Tulsa, OK 74136
Report Submitted by:	Environmental Services, Inc. -Corporate Office 7220 Financial Way, Suite 100 Jacksonville, Florida 32257
ESI Lead Validator Name and Signature	 Shawn McMahon Lead Validator
ESI Division Regional Technical Manager Name and Signature	 Janice McMahon Vice President and Forestry, Carbon and GHG Division Regional Technical Manager
Date:	27 September 2012

SPM/SMM/JPM/RMB /VO12051.00 TISTKenyaVCS-006 Verification Report Final_27Sept2012.doc
K: PF 09/27/12d

APPENDIX A: THE INTERNATIONAL SMALL GROUP AND TREE PLANTING PROGRAM, KENYA, VCS-006-DOCUMENTS RECEIVED FROM CLIENT

Received from client 2012-06-29

- TIST KE PD-VCS-006g App06 Geo Area of Groups.kml
- TIST KE PD-VCS-006d App03 PA Plots 120628.kml
- TIST KE PD-VCS-006e App04 Data 120626 Group.xlsx

Received from client 2012-07-01

- TIST KE PD-VCS-Spt 08 Winrock Report 021215.doc
- TIST KE PD-VCS-Risk Ex02 GhG Contract 050418.doc
- TIST KE PD-VCS-Risk Ex03 GhG Contract 080428.doc
- TIST KE PD-VCS-Risk Ex05 Mgt Resumes 110215.doc
- TIST KE PD-VCS-Risk Ex06 Mgt Experience 110215.doc
- TIST KE PD-VCS-Risk Ex07 Financial Plan.xl
- TIST KE PD-VCS-Risk Ex12 EIA Report NAREDAR 100506.doc
- TIST KE PD-VCS-Risk Ex13 CCB Val-Ver Report by ESI.pdf
- TIST KE PD-VCS-Risk Ex14 Governance Indic.xls
- TIST KE PD-VCS-Spt 01 KFS Invasive Species 101028.jpg
- TIST KE PD-VCS-Spt 02 Land Tenure, Waiganjo.pdf
- TIST KE PD-VCS-Spt 03 Quantifier Manual 101221.doc
- TIST KE PD-VCS-Spt 04 SG CO2 contract 050418.doc
- TIST KE PD-VCS-Spt 05 SG CO2 contract 080428.doc
- TIST KE PD-VCS-Spt 06 EIA Report NAREDAR 100506.doc
- TIST KE PD-VCS-Spt 07 Best Forest Practices 110124.doc
- TIST KE PD-VCS-006i App08 Monitoring Data 120629.xlsx
- TIST KE PD-VCS-006a PD Text 120627.doc
- TIST KE PD-VCS-006f App05 Risk Analysis 120627.doc
- TIST KE PD-VCS-006h App07 Monitoring Rpt 120629.doc

Received from client 2012-07-03

- TIST KE PD-VCS-006i App08 Monitoring Data 120629.xlsx
- TIST KE PD-VCS-006a PD Text 120627.doc
- TIST KE PD-VCS-006d App03 PA Plots 120628.kml
- TIST KE PD-VCS-006e App04 Data 120626 Group.xlsx
- TIST KE PD-VCS-006f App05 Risk Analysis 120627.doc
- TIST KE PD-VCS-006g App06 Geo Area of Groups.kml
- TIST KE PD-VCS-006h App07 Monitoring Rpt 120629.doc

Received from client 2012-07-05

- TIST KE PD-VCS-006e App04 Data 120626 Group.xlsx

Received from client 2012-07-05

- pdd_KE_vcs_006Wiumiririe(Wiumir).kml
- pdd_KE_vcs_006Aguthi(Agut02).kml
- pdd_KE_vcs_006Ankamia(Anka01).kml
- pdd_KE_vcs_006Antubochiu(Antubo).kml
- pdd_KE_vcs_006Barangu(Bara01).kml
- pdd_KE_vcs_006Big_Groups_to_Pay(bigpay).kml
- pdd_KE_vcs_006Big_Groups_to_Review(bigrvw).kml
- pdd_KE_vcs_006Burguret(Burg02).kml
- pdd_KE_vcs_006Buuri(Buur01).kml
- pdd_KE_vcs_006Chemaner(Cheman).kml
- pdd_KE_vcs_006Chugu(Chugu).kml
- pdd_KE_vcs_006Chuma(Chum02).kml

- pdd_KE_vcs_006Chung'ari(Chun02).kml
- pdd_KE_vcs_006Ciakanyinga(Ciakan).kml
- pdd_KE_vcs_006Gachua(Gachua).kml
- pdd_KE_vcs_006Gaturiri(Gaturi).kml
- pdd_KE_vcs_006Giaki(Giak02).kml
- pdd_KE_vcs_006Gikati(Gika01).kml
- pdd_KE_vcs_006Gikumene(Giku02).kml
- pdd_KE_vcs_006Githongo(Githon).kml
- pdd_KE_vcs_006Gitimene(Gitime).kml
- pdd_KE_vcs_006Ichuga(Ichu02).kml
- pdd_KE_vcs_006Igwanjau(Igwanj).kml
- pdd_KE_vcs_006ikumbo(ikum01).kml
- pdd_KE_vcs_006Iriga(Irig01).kml
- pdd_KE_vcs_006Irindiro(Irin02).kml
- pdd_KE_vcs_006Itangini(Itan02).kml
- pdd_KE_vcs_006Kaaga(Kaag01).kml
- pdd_KE_vcs_006Kaanwa(KAAN01).kml
- pdd_KE_vcs_006Kagaene(Kaga02).kml
- pdd_KE_vcs_006Kahuho(Kahu02).kml
- pdd_KE_vcs_006Kairuni(Kairun).kml
- pdd_KE_vcs_006Kamangura(Kama02).kml
- pdd_KE_vcs_006Kamaroo(Kama01).kml
- pdd_KE_vcs_006Kambiti(Kamb01).kml
- pdd_KE_vcs_006Kamuthanga(Kamu01).kml
- pdd_KE_vcs_006Kamwiyendei(Kamw01).kml
- pdd_KE_vcs_006Kangaita(Kang02).kml
- pdd_KE_vcs_006Kanjagi(Kanj02).kml
- pdd_KE_vcs_006Kanjoo(Kanjoo).kml
- pdd_KE_vcs_006Kanjuu(Kanj03).kml
- pdd_KE_vcs_006Kanyakine(Kanyak).kml
- pdd_KE_vcs_006Karaba(Karaba).kml
- pdd_KE_vcs_006Kariakomo(Kari02).kml
- pdd_KE_vcs_006Karoki(Karo02).kml
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- pdd_KE_vcs_006Thome(Thom01).kml
- pdd_KE_vcs_006Thung'ari(Thunga).kml
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- pdd_KE_vcs_006Wamura(Wamura).kml
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- TIST KE PD-CCB-003e App04 Data 120709a ESI Cut.xlsx

Received from client 2012-08-23

- TIST KE PD-CCB-Spt 15 NEMA Directive on Wetlands.pdf
- TIST KE PD-CCB-002 Car Round#1 Riparian Directive.doc

Received from client 2012-08-27

- TIST KE PD-VCS-006i App08 Monitoring Data 120824.xlsx
- TIST KE PD-VCS-006a PD Text 120824.doc
- TIST KE PD-VCS-006f App05 Risk Analysis 120824.doc
- TIST KE PD-VCS-006h App07 Monitoring Rpt 120824

APPENDIX B: GROVES SAMPLED DURING TIST VCS 006 VERIFICATION

July 2012

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 006_2008KE1754-Jervevasio Murungi
 006_2008KE1754-Samson Mwambia
 006_2008KE1754-Samson Mwambia
 006_2008KE1755-Jacob Kabaye A
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 006_2006KE137-Agnes Trees
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 006_2006KE137-Purity Katheru
 2006Ke144-Francis Kaburia
 006_2006KE144-Sailas gitonga
 006_2005KE274-Janet Farm
 006_2005KE604-Jacinta Hill
 006_2005KE604-Jane Kiruki
 006_2005KE604-Jane Kiruki
 006_2005KE604-Muriuki Corner
 006_2005KE1065-Buuri hill
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 006_2006KE604-JenniferHill
 006_2006KE139-Atarina Mpida
 006_2006KE139-Florence Kaimuri
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 006_2006KE139-Florence Kajuju
 006_2006KE139-Florence Muthoni
 006_2006KE139-Florence Muthoni
 006_2006KE139-Lucy Murithi
 006_2006KE144-Godfrey Ikunda
 006_2006KE144-John Kithinji
 006_2006KE145-Anastasia Nduru
 006_2006KE145-Evangeline Mbae
 006_2006KE145-Evangeline Mbae
 006_2006KE145-Helen Murithi A"
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 2005KE592Jane Ntinyari Farm
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 2005KE1188Terecio Farm
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 2005KE1197Mathan kirimi
 2005KE1197Julius kailanya
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 2005KE1197Roseline mwonjaru
 2005KE1226John Murega Home
 2005KE1226Julia Maria Home
 2005KE1226Julia Marie Forest
 2005KE1234Agnas Kilemi
 2005KE1234Samwel Kilemi
 2005KE1234Solomon Kirema
 2005KE1254Ephraim Maina
 2005KE1254Joseph Karuri
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 2005KE1254Lucy Wanjiru
 2005KE1254Newton Muchiri
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 2005KE1273Patrick Gikundi
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 2005KE1273Virginia wangari
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 2005KE1228 john kirinya
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 2005kesimontharamba C
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 006_2006KE144-Eric kinoti
 006_2005KE1065-Kiruki Hill
 006_2005KE1100-Mwenda-Forest
 2005KE1100Gituma Slope A
 2005KE1100Gituma Slope A

APPENDIX C: SUMMARY OF FINDINGS

TIST Kenya VCS-006 / VCS Version 3 - Verification Final Non-Conformity Reports and Responses 26 September 2012				
Item Number	VCS Standard 3.2 Requirements (01 February 2012)	NCR/CL/OFI	Response from Client	ESI Response
1	3.17.6 The monitoring report shall include all the data and information as set out in the monitoring requirements of the project description and the applied methodology. It shall be prepared using the VCS Monitoring Report Template and shall include the following:	Need to update the Monitoring report template to the latest version, 3.1	The update was made. Please note that though the template is 3.1, the VCS still calls it 3.0 in the header and that the only change was the addition of the Report ID in the title block.	Update made. Issue addressed.
Item Number	VCS AFOLU Requirements Version 3.2 (ARR) (01 Feb 2012)	NCR/CL/OFI	Response from Client	ESI Response
2	4) Calculate the average GHG benefit of the project over the established time period.	CLARIFICATION -This information has been calculated but cannot be located within the PD. For clarity can this be reiterated in the monitoring report and/ or the PD? Calculated as 243,853tCO ₂ e	The average GHG benefit of the project is presented in the last row of the second table in Section 1.7.	Location confirmed. Issue addressed.